

Ventilation



What is it?

A passive ventilation system is a zero - low energy ventilation system that extracts stale, moist air from bathrooms and kitchens, and draws fresh air into living spaces.

Why is it important?

Ventilation is important to keep the occupants of a building healthy, but also the building itself. Without ventilation, moisture can build up which results in mould growth.

What's Heat Extraction?

Some vents are able to extract heat from old stale air whilst simultaneously drawing in clean, fresh air. This is known as heat extraction. This system is more suited to new build but can be installed in a whole-house retrofit. There are single extractor fans that have heat exchange units built into them. Vent-Axia offers a low-energy range.

At a glance

Ventilation is necessary to keep you and your home in a healthy condition. If you have issues with condensation and mould, this may be down to lack of ventilation. You may need to install a vent to treat this, you should consider a vent that has heat extraction.



Step 4 – Passive/Heat Recovery Ventilation